



OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/053,530

DATE: 02/13/2002
 TIME: 09:53:15

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Does Not Comply
 Corrected Diskette Needed

P.3

3 <110> APPLICANT: Ledbetter, Jeffrey
 4 Hayden-Ledbetter, Martha
 6 <120> TITLE OF INVENTION: Binding Domain-Immunoglobulin Fusion Proteins
 8 <130> FILE REFERENCE: 390069.401
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/053,530
 13 <141> CURRENT FILING DATE: 2002-01-17
 15 <150> PRIOR APPLICATION NUMBER: US 09/765,208
 16 <151> PRIOR FILING DATE: 2001-01-17
 18 <160> NUMBER OF SEQ ID NOS: 38
 20 <170> SOFTWARE: PatentIn version 3.0
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 38 <223> OTHER INFORMATION: light chain variable region for anti-CD20 scFv
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109 ccaggggaga aggtcacaaat gacttgagg gccagctcaa gtgtaagtta catgcactgg      180
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137 gacgtgagcc acgaagaccc tgaggtcaag ttcaactggt acgtggacgg cgtggagggt      1020
139 cataatgcc aagacaaagcc gcgggaggag cagtacaaca gcacgtaccg tgtggtcagc      1080
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161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:

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173 <221> NAME/KEY: C_region

174 <222> LOCATION: (808)..(1513)

175 <223> OTHER INFORMATION: HINGE CYSTEINES (826-829; 844-847; 853-856) MUTATED TO
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176 PROLINE TO SERINE MUTATION (880-883) IN CH2 DISRUPTS EFFECTOR FUN

177 CTION

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185 ccagggggaga aggtcacaaat gacttgcagg gccagctcaa gtgtaagtta catgcaactgg	180
187 taccagcaga agccaggatc ctcccccaaa ccctggattt atgccccatc caacctggct	240
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191 agcagagtgg aggtgaaga tgetgccact tattactgcc agcagtggag ttttaaccca	360
193 cccacgttcg gtgctgggac caagctggag ctgaaagatg gcggtggctc gggcggtggt	420
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199 aatatgcact gggtaaagca gacacctaga cagggcctgg aatggattgg agctatttat	600
201 ccaggaaatg gtgatacttc ctacaatcag aagttcaagg gcaaggccac actgactgta	660
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211 ccaaaaccca aggacaccct catgatctcc cggacccctg aggtcacatg cgtgggtggtg	960
213 gacgtgagcc acgaagaccc tgagggtcaag ttcaactggt acgtggacgg cgtggagggtg	1020
215 cataatgcc aagacaaagcc gcgggaggag cagtacaaca gcacgtaccg tgtggtcagc	1080
217 gtctctaccg tcttgacca ggaactggctg aatggcaagg agtacaagtg caaggtctcc	1140
219 aacaaagccc tcccagcccc catcgagaaa acaatctcca aagccaaagg gcagccccga	1200
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227 ttctcttaca gcaagctcac cgtggacaag agcaggtggc agcaggggaa cgtcttctca	1440
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237 <213> ORGANISM: Artificial Sequence

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244 <221> NAME/KEY: misc_feature

245 <222> LOCATION: (13)..(807)

246 <223> OTHER INFORMATION: MOUSE ANTI-HUMAN CD20 SCFV

249 <220> FEATURE:

250 <221> NAME/KEY: C_region

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251 <222> LOCATION: (808)..(1513)

856) 252 <223> OTHER INFORMATION: HINGE CYSTEINES MUTATED TO SERINES (826-829; 844-847; 853-

253 WILD TYPE CH2 AND CH3 DOMAINS MEDIATE EFFECTOR FUNCTIONS

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265 tctggagtcc ctgctcgctt cagtggcagt gggctctggga cctcttactc tctcacaatc      300
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273 aggcctgggg cctcagtga gattgtcctgc aaggctcttg gctacacatt taccagttac      540
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287 ccaaaaccca aggacacct catgatctcc cggacccttg aggtcacatg cgtggtggtg      960
289 gacgtgagcc acgaagacc tgaggtcaag ttcaactggt acgtggacgg cgtggaggtg      1020
291 cataatgcc aagacaaagc gcgggaggag cagtacaaca gcacgtaccg tgtggtcagc      1080
293 gtctcaccg tcttgacca ggactggctg aatggcaagg agtacaagt caaggtctcc      1140
295 aacaaagccc tcccagcccc catcgagaaa acaatctcca aagccaaagg gcagccccga      1200
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